

Claims

1. A convertible vehicle comprising a retractable top, in particular, a folding top (2), whose back bow (9), that can be placed at least partially onto a rearward top compartment lid (8) in a closed position of the top, has at least one locking device (10; 10') arranged between it and the top compartment lid (8), wherein a connecting member (11) provided on the back bow (9) can be secured on a counter member (13) of the top compartment lid (8) provided below a through opening (12) and in whose area at least one flap part (14) is provided that is movable by means of the connecting member (11) and cooperates with a switching member (15), characterized in that the locking device (10; 10') has at least two support legs (16, 17) as a connecting member (11) and between them a receiving slot (A) is formed that engages therebetween the counter member (13) at least partially positively-lockingly.
- 5
- 10
- 15
- 20
- 25
2. The convertible vehicle according to claim 1, characterized in that the support legs (16, 17) of the locking device (10) are arranged substantially parallel to the longitudinal center plane (M) of the vehicle and mirror-symmetrical at a spacing to the longitudinal center plane (B) of the locking device (10) and, accordingly, the counter member (13) extending along the longitudinal center plane (B) engages the receiving slot (A).
3. The convertible vehicle according to claim 1 or 2, characterized in that it is provided in the connecting area between the top compartment lid (8) and the back bow (9) with two locking devices (10; 10') that are positioned opposite one another substantially mirror-symmetrically to the longitudinal center plane (M) of the vehicle.
4. The convertible vehicle according to one of the claims 1 to 3, characterized in that by means of the support legs (16, 17) resting on the counter member (13), respectively, a support connection is formed that receives movements of the back

bow (9) and/or top compartment lid (8) that are effective transversely and/or longitudinally to the longitudinal center plane (M) of the vehicle.

5. A locking device according to one of the claims 1 to 4, characterized in that the two support legs (16, 17) can be placed against the counter member (13) with substantially identical length.

6. The locking device according to one of the claims 1 to 5, characterized in that the support legs (16, 17) are connected to one another by at least one transverse stay and the transverse stay in the area of the counter member (13) can be inserted into a receiving depression (20).

10 7. The locking device according to one of the claims 1 to 6, characterized in that the support legs (16, 17) at their free end, respectively, are provided with a support projection (21, 22) that can be placed laterally against the counter member (13).

15 8. The locking device according to claim 7, characterized in that the support legs (16, 17) are connected by the transverse stay in the area of the two support projections (21, 22).

9. The locking device according to one of the claims 1 to 8, characterized in that the support legs (16, 17) have roller-shaped support projections (21, 22) and their peripheral contour projects past the end faces of the support legs (16, 17).

20 10. The locking device according to one of the claims 1 to 9, characterized in that the counter member (13) is provided on a support frame (23) having a central shaped recess as a receiving opening and the support frame is secured below the through opening (12) on the top compartment lid (8).

11. The locking device according to one of the claims 1 to 10, characterized in

that the support frame (23) provided with the counter member (13) in the area of the receiving opening is provided with two flap parts (25, 26) whose support axle (26, 27), respectively, extends parallel to the longitudinal center plane (B) of the locking device (10).

- 5 12. The locking device according to one of the claims 1 to 11, characterized in that the flap parts (25, 26) are secured in opposing closed position at the upper edge area of the counter member (13) and can be transferred from the closed position into the open position by pivoting downwardly by means of the support legs (16, 17) provided on the back bow (9).
- 10 13. The locking device according to one of the claims 1 to 12, characterized in that the two flap parts (25, 26), in the area of their opposed peripheral contour in the closed position, each have a shaped recess (29, 29') receiving partially the counter member (13).
- 15 14. The locking device according to one of the claims 1 to 13, characterized in that the two flap parts (25, 26) at their underside have restoring springs (30, 31) surrounding the support axle (26, 27), respectively, and supported otherwise on the support frame (23).
- 20 15. The locking device according to one of the claims 1 to 14, characterized in that at least one of the flap parts (26) is provided at its back with a sensing lever (34) that can be positioned, when the flap parts (26) are pivoted into the open position, onto the electric switching member (15) so as to provide contact (at 36).
16. The locking device according to claim 15, characterized in that both flap parts (26, 27) each have a sensing lever (34).
17. The locking device according to one of the claims 1 to 16, characterized in

that on both flap parts (26, 27) an adjusting module (37) is provided, respectively, with which the closed position of the flap is adjustable, respectively, by means of a movable contact part (38).